

SRI (DC-6600)

Experimental Survey of Terrestrial Magnetism
With Magnetometers Towed Behind an Iron
Ship, by D. L. Fingar, G. I. Kolomiitseva,
V. V. Novykh, 9 pp.

RUSSIAN, per, Geomagnetizm i Aeronomiya,
Vol 1, No 3, May-June 1961, pp 421-425.

JPRS 12757

Doc 1145
Mar 62

183, 6 45

7
Effect of Variable Stresses on the Magnetization of
Magnetite, by D. L. Finger, 51 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geof, No 5,
1951.

Mark E. Burgunker Tr B M-2
541 West 113th Street
New York 25, N. Y.

Scientific - Geophysics

Feb 55 CTS/DEX
\$85

21,208

Investigation of Viscose Rayon Spinning,
by G. G. Finger, E. N. Mogilevskiy. 7 p.
RUSSIAN, per, Khimicheskie Volokna, No 6,
1964, pp 44-46.
SLA TT-66-10559

G. G. Finger

Sci-MEM
Jul 66

306,038

Process for the Treatment of the Surfaces of Metal
Falls, by H. Finger, U. Finger.
Patent No 1,222,241.
GPO 11-11514-131

H. FINGER

del-1204
July 69

3-7,151

THE POSITION OF THE STATE BANK IN THE SYSTEM OF
PLANNING, MANAGEMENT, AND FINANCING, BY
WALTER HEINICKE, HERBERT FRIEDL, 7 PP.

GERMAN, FEA, DEUTSCHE FINANZWIRTSCHAFT, NO 9,
MAY 1963, PP 0-1 - 0-3, 0-10.

SPES 20023

FEUR - GERMANY

FECH

JUL 63

235,889

On the question of the existence of
localized conditions during the inter-
actions of an atom with a crystal,
by J. Rontsky, A. Fingorland.

GOVERNMENT USE ONLY

CHER, per, Collection of Czechoslovak
Chemical Communications, vol 23, 1960,
pp 1-6.

100-11,609

A. Fingorland

369,053

100-11,609
100-60

Fingerland, A.
SMOKING AND LUNG CANCER. 1962, 17p.
Order from K-H 521.23 K-H-10301

Trans. of Royal Soc. Tuberculosis & Pneumococch
Pneumia (Copenhagen) 1960, v. 20, no. 6,
p. 482-488

IN SCIENCE: *Smoking, *Tobacco, *Neoplasms,
*Lungs, *Cancer.

(Biological Sciences - Pathology, IT, v. 7, no. 12)

62-12769

I. Fingerland, A.
II. K-H-10301
III. Krieger-Hawker Science
Library Associates,
Detroit, Mich.

000259

Office of Technical Services

The Theory of Single Electron Quantum Mechanical
Systems which Include a Large Subsystem, by
Jaroslav Koutecky, Antonin Fingerland, 6 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 4,
1959, pp 841-844.

Consultants Bureau

Sci

Apr 60

114,966

Memorial Publication on the Occasion of the Change
to Dial Operation of the Stockholm Telephone System,
Stockholm, 1938. The First Attempts at Dial Tele-
phone Operation in Sweden, ~~835908~~ by M. Fingerskiva,
27 pp.
No journal cited.

SLA Tr 57-700

53,099

WEur .. Sweden
Economic

sed 57

Investigation of the Induction of Dorsiven-
trality in the Incubating Body Embryos of
Marchantias. Part 3: Light as the Inducer
of Dorsiventrality, by Hans Fitting. 48

GERMAN, per, Jahrb fur Wiss Botan, Vol 85,
1937, pp 169-242.

NASA TT F-12,050

Sci-86N
Mar 69

378,591

Preparation and Properties of Sinterable
Nickel Aluminide Powder, by E. Fitzer. 84

GERMAN, per, Zeit fur Metallkunde, Vol
50, No 4, 1959, pp 187-196.

*NASA TT F-12,247

Sci-Materials

Mar 69

Determination of Ferro-Magnetic Properties With
Electronic Analogue Measurement Calculator,

by W. Frings.

GERMAN, per, Arch. Eisenh., Vol 34, No 11,
November 1963, pp 853-858.

•BISI 7003

W. Frings

Sci-Mat
Apr 69

On One Particular Family of Classes of Functions
in the Algebra of Logic and Their Realization in a
Class of Series-Parallel Networks, by D. I. Finikov,
3 pp.

RUSSIAN, per, Doklady Akad. Nauk, Vol CXV, No 2,
July 1957, pp 247-48.

Automation Express
Vol I, No 1
Internat'l Physical Index

Sci
Jun 59

AVAILABLE BR 5
LIBRARY 91,417

(FDD 21565)

Mathematical Life in the USSR: Sergey Sergeyevich
Byushgens (On His 70th Birthday), by S. P. Pinikov,
16 pp.

RUSSIAN, bimo per, Uspekh Matemat Nauk, Vol VIII,
No 4(56), Moscow, Jul/Aug 1953, pp 185-192.

CIA/FDD/U-6258

USSR

Sci - Mathematics, personality

18, 199

Isotope Exchange of Oxygen in the Systems 52
 $H_2^{18}O$ and $H_2^{18}O_2$, by V. G. Finikov.
RUSSIAN, per, Zhur Fiz Khim, Vol XXXVIII, 1964,
p 542-546. 9452287
AHC-15-Tr-27

Finikov, V. G.

Sci - Chem
for OB

296,502

The Nature of Some Ferric Phosphates, by N. V.
Shishkin, E. A. Kragius, V. G. Findkov, 11 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 9,
1958, pp 2075-2081.

AKC-tr-4457
FL-480

Sci

May 62

PST 379

193,488

Effect of β -Radiation of S^{35} on Isotopic Ex-
change of Oxygen in the System $\text{Na}_2\text{SO}_4 - \text{O}_2$, By
Vikt. I. Spitayn, V. G. Pinikov, XX 4
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII,
No 6, 1960, pp 1381-1383.

CB

Sci
Apr 61

149, 167

Isotopic Exchange Between Free Oxygen and
Several Silicon Compounds, by V. I. Spitsyn,
V. G. Finikov, 2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1959, pp 1351, 1352.

SLA 60-10945

Sci

OTS, Vol III, No 6

Sep 60

126, 890

6-9/60

(NY-3692).

A Study of the Isotope Exchange Between Gaseous
Oxygen and the Salts of Some Acids Containing
Oxygen at High Temperatures, by V. I. Spitsyn,
V. G. Vinikov, 5 pp.

RUSSIAN, bk, Problemy Kinetiki i Kataliza IX,
Izotopy v Katalize, Moscow, 1957, pp 264-266.

JPRS 2801.

Sci - Chem
Jun 60

117,547

Study of Isotope Exchange ~~WITH~~ Between Gaseous
Oxygen and Alkali Metal Sulfates at High Tempera-
ture, by Associate Member of the Academy of Sciences,
USSR Vikt. I. Spitsyn and V. G. Finikov, 4 pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CVIII, No 3, pp 491-

Consultants Bureau

Sci - Chemistry
Jan 57 CTS

43,180

70
Deformation Resistance of Plain Carbon and
Low Alloy Steels During Hot Upsetting Under
a Falling Tap Hammer, by F. K. Fink.
GERMAN, per, Arch. Eisenh., Vol 26, Nov. 1955.
pp 655-668.
*BISI 4960

F. K. Fink

Sci-NQM
Jul 66

Concerning a New Damage by Skim Milk Observed
in Animal Experiments, Its Physiological Signifi-
cance and Its Prevention; Also "Contribution
to Alimentary Liver Necrosis of the Rat and to
the Kwashiorkor-Syndrome," by H. Pink, 8 pp.

GERMAN, per, Chem Ztg, Vol LXXX, No 18, Jan
1956, pp 624-627.

SLA Tr 57-1206

802

Jul 58

67,929

Measurements of the Time Characteristic of the
Heating Effect in a Contact due to a Suddenly
Established Current, by H. P. Fink, H. Korner.

GERMAN, per, Wiss Veroff Siemens, Vol XIX, No 1,
1940, pp 280-290.

A.E.R.E. Barwell Tr 573

35, 2 31

Sci - Physics

Jun 1956

Contribution to the Problem of Producing
"Macerate-Free" Skim Milk Powder, by Hermann Vink,
Ilse Schille, et al, 3 pp.

GERMAN, par, Naturwissenschaften, Vol. XEN, 1953,
pp 166.

SIA 59-17071

Sci

Jan 60

Vol 2, No 7

104,645

On the Nature of Milk Modifications in
Technological Drying. I. Also a Contribution to
the Alimentary Liver Necrosis of the Rat, by
Herman Fink, Gunther Brenner, 3 p.

GERMAN, per, *Physiologische Chemie*, 1968, Vol CCCIX,
No. 46, pp 226-227 SIA 59-17092

Sci
Jan 60
Vol 2, No 8

105,487

Does Alimentary Liver Necrosis Play a Role or
Not in the Technical Drying of Milk? by ~~XXXXXXXX~~
Pink, 6 pp.

GERMAN, per, die Naturwissenschaften, Vol XIV,
No 15, pp 375, 376.

SLA 59-17099

Sci
Jan 60
Vol 2, No 7

104,484

100

Yield Strength of Plain Carbon and Low
Alloy Steels During Hot Upsetting Under
a Drop Hammer, by R. Fink et al.
G33344, Proc. Arch. Eisenh., Vol 25, Nov.
1959, pp 555-568.
DICI 4900

~~A~~ FINK
K.

Sci-Materials
Oct 66

510,482

Radio Tracer Technique as Applied to Investigation
of the Metallurgical Processes in a 50-Ton Open-
Hearth Furnace, by W. Koch and K. Fink.

GERMAN, Archiv Fur Das Eisenhüttenwesen, Vol 22,
1951, No 11-12, pp 371-375.

Brutcher Tech Tr No 2932

A 2564

TT-63-20490

Fink, Kurt.

A DYNAMIC CALIBRATION OF WIRE STRAIN GAGES
(Eine Dynamische Eichung von Dehnungsmessstreifen).

[1963] [16p] (foreign text included) 14refs

Order from SLA \$1.60

TT-63-20490

Trans. of Archiv für das Eisenhüttenwesen (West Germany) 1950, v. 21, no. 3/4, p. 137-142 (Max Planck Institut für Eisenforschung (West Germany)). Communication-510. (Abstract available)

DESCRIPTORS: *Strain gages, Calibration, Oscillographs, Shock waves, Wire, Amplifiers.

Shock waves produced by impact in a cylindrical steel bar were photographed with elongation strip charts, a tube amplifier and an electron beam oscillograph. Comparison of the measured shock wave path with the computed one shows satisfactory agreement within measuring accuracy. Consequently, the elongation strip chart (Engineering--Electrical, TT, v. 11, no. 2) (over)

I. Fink, K.

II. Max ... Communication-510

Office of Technical Services

Methods of Modulations in Radio Relay Systems,
by L. Fink, UNCLASSIFIED

RUSSIAN, per, Radio, No 2, Moscow, Feb 1954,
pp 32-36. CIA D542644,

SCIA Tr No 655/J

Scientific - Electronics

Nov 1954 CTS

19,464

The Theory of Transmitting Discrete Informa-
tion, by L. M. Fink, 444 pp.
RUSSIAN, bk. Teoriya Peredachi Diskretnykh
Sobshcheniy, 1963, pp. 1-576.
RIS 31202

96

L. M. Fink

USRP
Sci-Electronics
Aug 65

234,070

The Theory of Transmitting Discrete Information,
by L. M. Fink, 443 pp.
RUSSIAN, DE, Teoriya Peredachi Diskretnykh Soobshcheniy.
Moscow, 1963, pp 1-576.
FDD X15533

Sci-Eng
Feb 65

40
Development and International Status of the Basic
Quantities and Units of Lighting, by Leopold Fink,
IS 79.
GERMAN, par. Archiv für Technische Messen,
No 244, 1960, pp 1154-57-52.
Inst. En. of Karlsruhe

Sci-Enc
24 64

242,748

Part V. The Theory of Optimum Transmission
Along a Channel With Fading and New Methods of
Transmission, by N. T. Petrovich, L. M. Fisk, 1963

RUSSIAN, par, in Ak Nauk SSSR, Otdel. Tekh. Nauk, Elektronika, No 5, 1963, pp 95-97.

JPRS 22648

Sci
Jan 64

246,878

Potential Noise Suppression for Indefinite Signal
Phase, by L. M. Fink, 16 pp.

RUSSIAN, per, Radiotekh, Vol XIV, No 1, 1959,
pp 43-54.

PP

Sci 7
Apr 61

146,536

The Information Capacity of Symmetrical Links With
Variable Parameters for an Unlimited Frequency
Band, by L. M. Fink, 14 pp.

RUSSIAN, per, Radiotekh, Vol XV, No 7, 1960,
pp 21-28.

PP

Sci

Apr 61

145,4510

Probability Distribution and entropy Power
of a ~~wide~~ Narrowband Noise ~~with~~ with
Limited Amplitude, by L. M. Fink,
N. I. Kovalev, 5 pp.

RUSSIAN, per, Radiotekh i Electron, Vol V,
No 7, 1960, pp 1177-1179.

PP

164, 607

Sol

aug 61

Potential Noise Suppression under Conditions of
Signal Fading, by L. M. Fink, 14 pp.

RUSSIAN, per, Radiotekh, Vol XIV, No 9, 1959, pp 3-12.

PP

147,770

Sci

Apr 61

On the Applicability of Binary Correcting
Codes in Transmission Channels of Discrete
Information, by L. M. Fink, 13 pp.

RUSSIAN, per, Radiotekh, Vol XVI, No 10,
1961, pp 3-9. 9676124

FTD-TT-62-45

Sci - Electron

5 Apr 62

189,756

Apropos "The Limiting Capacity of A Communication System" by A. A. Kharkevich and E. L. Blokh and Their Reply, by L. M. Fink, 3 pp.

RUSSIAN, per, Radiotekhnika, Vol X, No 10, 1955,
pp 74, 75. 9092720

Morris D. Friedman

34, 724

Scientific - Electronics

May 56 CTS/dex

11

Simple Arrangement for the Analysis of Geometric
Data of Beams of Charged Particles, by

M. Fink, et al.

GERMAN, for, Zeitschrift für Angewandte Physik,

Vol 15, No 2, 1963, pp 112-114.

NASA TT F-11,104

M. FINK

GOVERNMENT USE ONLY

Sci-Phys

Sept 67

341,975

The Phenomenon of Friction Oxidation
on Electrolytic Copper, by M. Pink,
U. Hofmann, 20 pp. FOR OFFICIAL USE
ONLY FOR INTERNAL USE WITHIN THE
DEPARTMENT OF DEFENSE ONLY
GERMAN, per, Zeit fur Metallkunde,
No 3, 1932, pp 49-54. P100066967
FTD TT 65-1909

Sci
Mar687

320,786

The Influence of Friction upon Oxidation of Metals,
by M. Fink,

GERMAN, per, Z. Anorg u Allgem Chem, Vol CCX, 1933,
pp 100-104.

ABLIB Q. B. 29
6 6

Jul 58

69, 966

Corrugation-Free Rails, and Corrugation-Free Anti-Friction Bearings, Pt 1,
by Max Pink, 70 p.

GERMAN, per, Glasers Annalen, 1957, Vol LXXXI,
No 2, pp 36-49.

SLA 60-10237

Sci
Apr 60
Vol III, No 3

111, 990

Corrugation-Free Rails, Corrugation-Free Anti-Friction Bearings, by Max Fink, 19 p.

GERMAN, per, Glasers Annalen, 1957, Vol LXXXI, No 3, pp 91-94.

SLA 60-10236

Sci
Apr 60
Vol LXX, No 3

III, 989

Determinations of the Folding Endurance of Papers,
by P. Fink, R. Schweizer, 13 p.

SWISS, per, Textil-Rundschau, 1958, Vol XIII,
No 12, pp 694-704.

SLA 59-20220

Sci
Mar 60
Vol 2, No 11

109,625

The Chemical Reactions in Manganese Dioxide Electrodes,
by K. Neuman, W. Fink.

GERMAN, per, Z fuer Elektrochemie, Vol LXII, No 2,
1958, pp 114-122.

RAE 856

Sci - Chem

137,366

Jan 61

What the Welder Should Know about Arc
Theory, by W. Pink, 14 pp.

GERMAN, per, Electroschweissung, Vol IV,
No 10, Oct 1933, pp 181-187.

SIA 57-3187

Sci

Aug 58

72,395-

Contributions to the Chemistry of the Si-N Bond,
I. Preparation and Decomposition of Cyclic N-Silylated
Siloxanes, by Walter Falt, 11 pp.
GERMAN, pub, Helvetica Chimica Acta, Vol XLV, No 127,
1962, pp 1891-1899. 9871148

DOC RESC-119

Sci - Chem
Feb 64

230,734

lc Skin Milk Acquires Liver Necrotizing Properties
by Technological Drying. Before Solving the
Problem, by Gunther Brenner, Walter Fink, 3 p.

GERMAN, per, Naturwissenschaften, 1957, Vol XLIV,
No 9, p 284.

BLA 59-17302

Sci
Vol 2, No 6
Dec 59

104,239

S-203164

Information on Chemical Warfare Agents, by Zdenek Fink,
et al.

GERMAN, bk, Der Gesundheitsschutz Gegen Chemische
Kampfstoffe, Berlin, 1962, pp 56-61; 121-128; 193-211

JPRS/DC-10290/SPECIAL

EE-Czechoslovakia
Military
Feb 64

S-720/64

Influence of Some Anticholinergic Compounds
on Cerebral Acetylcholin in Rats, by
Zdenek Fink, V. Trileta. *For official use only*
888.
CZECH, per, Casopis Lekaru Ceskych, Vol CII,
No 12, 1 Mar 1963, pp 305-309.

JPRS/DC-10602/SPECIAL

Sci - Biol & Med, Chem
Jul 64

41
Protection of Health Against Chemical
Warfare Agents, by Zdenek Fink,
Vladislav Hrdina, et al, 283 pp.
GERMANY, bk. Der Gesundheitsschutz Gegen Chemische
Kampfstoffe. Herausgegeben vom Ministerium
für Gesundheitswesen der Deutschen Demokratischen
Republik, Berlin 1962, 220 pp. 9677329-V
FTD-TT-64-345

Sch-B 4. 18
Juli 66

Zdenek Fink

26. 54

Tetrode Television Transmitters for Band IV/V,
by Ulrich Finkbein, Johannes Holle, 17 pp.

GERMAN, part, Elektrotechnische Zeitschrift-A,
Vol LXXXI, No 9, 1960, pp 332-338. 9201638

AEC HP-Tr-927

Sci - Electron
21 Feb 1963

226,586

On Impact Ionization in Germanium Single Crystals in
the $4.2 - 10^0$ K Temperature Range, by G. Finke and
G. Laute, 7 pp.

GERMAN, pp. Z. Naturforsch, Vol XII, 1957, pp 223-
225.

SLA 57-3040

Sci

Aug 58

71,186

A Contribution to the Analysis of Petro-⁷⁴
leum Products. Part IX. Catalytic Hydro-
generation of Aromatic Lube Oil Fractions
and the Chromatographic Analysis of the
Hydrogenation Products, by M. Finke,
G. Heinze.
GERMAN, per, Erdoel und Kohle, Erdgas,
Petrochemie, Vol 19, No 1, 1966,
pp 17-21.
NTC 69-10921-07C

m. finke

Sci-Chem

302 526

What Does Nuclear & Fuel Cost: A Comparative
Study on the Fuel Cycle Costs of Power Reactors,
by Wolfgang Finke, 23 pp.

GERMAN, per, Atomwirtschaft, Vol V, 1960,
pp 204-208.

AEC Tr-4317

Sci - Nuc Phys
24 Feb 61

141,075

Automation of Air Compressor Installations,
by E. G. Gorkhman, A. I. Pichel', 4 pp.

RUSSIAN, per, Vest Mashinostroy, Vol XI-I,
No 3, 1961, 32-36.

PERA

Sci

Jun 62

201,555

11 901

US-3 UK-12

FINKEL' E. E., CHMUTOV K. V.

The application of a flow counter for measuring the moisture permeability of films from synthetic materials with the aid of tritium labelled water

* Zhur. Fiz. Khim., 33, No. 4, 943-947 (1959)

H 6287. \$ 0.50, 60-21736 (US-3) - English

*UK-12: English

E u r a t o m

Effect of γ -radiation From Cobalt-60 on the
Permeability of Polyethylene to Water Vapour,
by K. V. Chmutov, E. E. Finkel', 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 7,
1959, pp 1648-1652.

Cleaver-Hume Press

Available Br 5 Library

Sci

May 60

116,838

Radiation Agents, by E. E. Finkel, 21 pp.

RUSSIAN, per, Nauka i Zhizn, No 6, Jun 1960.
pp 11-16. 9662490

ATIC MCL-769/1

Sci - Nuc/Phys

IC 42051 - Item 3

159, 266

Jul 61

The Application of a Flow Counter for Measuring the
Moisture Permeability of Films from Synthetic
Materials with the Aid of Tritium Labelled Water, by
E. B. Finkel, K. V. Chmutov, 11, pp. *ID 2138795*

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIII, No 4,
1959.

ACSI H-6287

Sci - Chem

May 60

115,546

Application of Radioactive Isotopes in Scientific
Investigations, by P. Savitskiy, B. Finkel, V.
Sereenko, N. Bulatova, 11 pp. UNCLASSIFIED

RUSSIAN, bino per, Atomnaya Energiya, Moscow,
Jan 1958, pp 92-96.

US JPRS/NY-L-292
(NY-1534)

Sci - Nuclear physics
Sep 58

73,513

Measurement of the Radioactivity of Petrol and Benzene
Vapours Labelled with Tritium or Carbon-14, by E. E.
Finkel', pp 1.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 10, 1960;
pp 2365-2366.

Cleaver-Hume Press

Sci

Aug 61

164, 142

AEC-tr-4497(p.320-7) Uncl.

MEASURING THE MOISTURE PERMEABILITY OF
COATINGS MADE OF SYNTHETIC MATERIALS BY WATER
LABELLED WITH TRITIUM. E. E. Finkel'.

Translated from Trudy Vsesoyuz. Nauch.-Tekh.
Konf. po Primenen. Radioaktiv. i Stabil.
Izotopov i Izluchenii v Narod. Khoz. i Nauke,
Moscow, 1957 (1958). Izotopy i Izlucheniya v
Khim., p.255-60.

C-4 P NSA

N-3

Measurement of the Moisture Permeability of
Films of Synthetic Materials Using Water Labeled
With Tritium, by E. E. Finkel, 8 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXII, 1957,
pp 1650-1655

AEC Tr 3310

Sci - Chem

Consultants Custom Translation
CCT-1476TN

Sep 58

73, 733

(Previously in file 1476TN)
CCT-1476TN 526 (73)

(NY-5207)

Extending Telephone Services to the State Farms in the
Districts of Virgin- and Fallow-Land Cultivation, by
G. F. Finkel', 3 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1956.

JPRS 7067

13 Jul 61

(NY-7179)

IMMUNOMORPHOLOGY OF CERTAIN ENDOCRINE GLANDS,
BY I. I. FINEEL', 11 PP.

RUSSIAN, PER, ARKHIV PATOLOGII, VOL XXIV,
NO 6, 1962, PP 53-60.

JPRS 15044

SCI - MEDICINE

SEP 62

210,258

Hopper Loading Mechanisms and Their Classification,
by Kh. Ya. Finkel,

RUSSIAN, per, Stanki i Instrument, Vol XXIX, 1958,

PERA

NLL 0.013

Sep 61.

Plastic Deformation of Texturized Beryllium,
by V. M. Amoznenko, G. P. Tikhunskiy, by V. A.
Finkel', V. M. Azhasha, 5 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol III,
No 3, 1961, pp 796-802.

AIP
Soviet Phys
Vol III, No 3

Sci

168, 736

Sep 61

Investigation of the substructure of transformer steel
in connexion with elastic deformation
by V. M. Finkel', V. N. Berezovskiy, ~~6~~ 6pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol XIII, No 2,
1962.

PP

Soi

Aug 63

342, 413

Mechanism of crack growth in steel

By V. M. Finkel', V. A. Zraichenko, 5 pp

RUSSIAN, par, Fiz Metal i Metallov, Vol XIII, No 2,
1962.

PP

Sci

Aug 63

342,420

Crack propagation in carbon steels
By V. M. Finkel, I. A. Kutkin, ~~ca~~ 7 PP.

RUSSIAN, per, Fiz Metal i Metallurg, Vol XIII, No 1,
1962.

PP

Sol

Aug 63

342, 426

Study of the Form and Size of the X-Ray Interference Spots of Elastically Deformed Transformer Steel, by V. M. Finkel', V. N. Berezovskiy, 8 pp.

RUSSIAN, per, Kristallografiya, Vol V, No 6, 1960, pp 896-903.

AIP

Sov Phys - Crystall
Vol V, No 6

Sci

206,631

Jul 62

On the Shattering of High-Strength Hard
Glass, by V. M. Finkel', I. A. Kutkin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLI, No 1, 1962, pp 75, 76.

NASA TR F-6192

Sci - Phys

15 Jun 62

US GOV'T USE ONLY

201, 217

On Eliminating the Influence of Texture on the
Intensity of X-Ray Interferences, by V. M. Finkel.
5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 5, 1959, pp 611-614.

Columbia Tech Tr

Sci
Aug 60

122, 300

64
Monograph and Photographic Investigation
of Steel Construction, by V. M. Finkel, L. I. Krotchok,
et al, 10 pp.

RUSSIAN, per, Iz Vysch Uchob Naved Chern
Materi, No 6, 1968, pp 14-17, 9677291
FBI-TT-66-19

SCB-M/MS
Jul 68

287,761

Mean Field Strength in an Inhomogeneous Medium.(T),
by V. M. Finkel'berg, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLVI,
No 2, 1964, pp 725-731.

Amer Inst of Phys
Sov Phys-JETP
Vol XLV, No 2

Sci
Sep 64

266,559

The Absorption Spectra of Oxygen Under ⁷⁵
High Pressure and the Existence of Tetra-
Atomic Oxygen Molecules. II: Ultraviolet
Bands Between 2900 and 2300 Å, by
W. Finkelburg.

GERMAN, per, Zeit Physik, Vol 79, 1932,
pp 69-88.

NASA TT F-12,108

W. Finkelburg

Sci-Chem
May 69

582,656

Finkelburg, H. H.

MODERN METHODS FOR MECHANICAL FINE
FINISHING OF METALS. [1962] 7p. (figs. refn.
omitted).

Order from SLA \$1.10

62-16989

Trans. of Metall (West Germany) 1954, v. 8, June,
p. 459-462.

DESCRIPTORS: *Metals, *Precision finishing, Machine
tools, Machining, Casting, Surfaces, Ultrasonics.

(Metallurgy, TT, v. 9, no. 2)

62-16989

I. Finkelburg, H. H.

62-16989

Office of Technical Services

(FDD 20481)

A High-Current Arc of Very High Temperatures and
of Extremely Low Arc Voltages, by G. Buss,
W. Finkelburg, 5 pp.

Full translation.

GERMAN, bimbo per, Die Naturwissenschaften, Vol XL,
No 21, Wurzburg, 1 Nov 1953, pp 550, 551.

CIA/FDD/U-5986

EEur - Germany

Sci - Physics, high-temperature arc

15,453

63-17185

Finkelburg, W. and Peters, Th.
CONTINUOUS SPECTRA. [1963] 69p.
Order from ATS \$55.50

ATS-63Q67G

Trans. of Handbuch der Physik (West Germany) 1955,
v. 28, Spectroscopy II, p. 79-145.

DESCRIPTORS: Spectroscopy, *Continuous spectrum.

I. Finkelburg, W.
II. Peters, Th.
III. ATS-63Q67G
IV. Associated Technical
Services, Inc.,
East Orange, N. J.

(Physics - Spectroscopy, TT, v. 10, no. 1)

Office of Technical Services

Liquid Honing of Metals, by H. H. Finkelburg.

GERMAN, per, Metall, Vol VII, No 9/10, 1953,
pp 330-334.

Brutcher Tran ~~MA~~ 3596
\$4.80

Sci - Minerals/Metals

29,607

Theory of High-Current Arc Columns, by Karl Heinz
Hoecker, Wolfgang Finkelburg.

GERMAN, per, Z fup Naturforschung, Vol I,
1946, pp 305-310.

Navy/JHU/APL TG 230-T260

Sci. - Phys
Feb 62

184, 871

147
Continuous Spectra, by W. Finkelburg, and
Th. Peters,
Sci. Rep., 129 pp.
J. Opt. Soc. Am.
51-5-79-151

W. Finkelburg

Sci. Rep.
Mar 67

520,115

English Title Unknown, by W. Finkelburg.
GERMAN, per, Handbuch der Physik, Vol 28,
Spectroscopic 2, 1957, pp 145-204.
*NASA TT-F-10,825

W. Finkelburg

Sci/Physics
Mar 67

Thermoelectric Area of High Temperature and
Low Operating Voltage, by G. Russ,

W. Finkelburg.

GERMAN, rev. Zeit Physik, Vol. CLXIII, 1954,
pp 212-225.

•NASA TT F-10,114

W. Finkelburg

U. S. GOVERNMENT USE ONLY

Sci-Phys

Jun 66

Increasing the Durability of Piercing Mill
Plugs, by Finkel'shtein, Shchegol'.

RUSSIAN, per, Stal, No 12, 1957, pp 1099-1103.

Serv
Co-op Tr Sch-Tr 932

Sci - Engr
Apr 58

60,799
Iron and Steel Inst
11-5

**Spectroabsorptimetric Methods of Analysis in
Chemical Industry, by A. I. Finkel'shtein,
23 pp.**

**RUSSIAN, per, Zavod Lab, Vol XXVII, No 8, 1961,
pp 923-949.**

ISA

Sci

Jun 62

200,473

The Molecular Structure of the Product of Low Temperature
Deamination of Melamine, by A. I. Finkel'shteyn, $\frac{7}{3}$ PP

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 4, 1961.
pp. 1132 - 1134

CB

196,680

Sci
Apr 62

Optical Investigation of the Molecular Structure
of s-triazine Derivatives. IV. Infrared
Absorption Spectra of Compounds with Condensed
Nuclei of s-Triazine Derivatives of Cyameluric
Acid, by A. I. Finkel'shtein, 3 pp.

RUSSIAN, per, Optika i Spektroskopiya, Vol VI,
No 1, 1959, pp 33-37.

Optical Soc of Amer
Amer Inst of Phys

Aug 59

94,021

A Simplified Spectrophotometric Method of
Determining Organic Compounds by Means of Their
Absorption in the Near Infrared, by Ts. N.
Roginskaya and A. I. Finkel'shteyn, 2 pp

RUSSIAN, per, Zhur Anal Khim, Vol XIV, No 3,
1959, pp 360-361.

Consultants Bureau

Sci-Chem

Jun 60

119,638

Molecular Structure of Unsaturated Ketones --
Bimolecular Cyclohexanone Condensation Products,
by Ts. K. Roginskaya, S. V. Svetozarakiy, A. I.
Finkel'shtein, E. N. Zil'berman, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8,
1958, pp 2229-2232.

CB

Sci - Chem
Oct 59

99,949

The molecular structure of 1, 3, 5-triazine and
its derivatives, by A. I. Finkel'shtein and E.
N. Boitsev, pp. 9pp.

RUSSIAN, par, Izvestiya Khim, No 12, 1962, pp. 1496-
1579

CS

Sci

Aug 63

342, 298

Optical Investigation of the Molecular
Structure of Cyanamide and its Derivatives

I. Molecular Structure of Dicyanamide,
by B. I. Sukhorukov, a. N. Finkel'shteyn,
3 pp.

RUSSIAN, per, Optika i Spektro, Vol VI, No 5,
1959, pp 637-641.

Optical Society
of America

Sci.

Mac 59

103,823

Methods for Analysis of Carboxymethyl Cellulose
Esters, by I. M. Timokhin, M. Z. ~~EE~~ Finkel'shtein,
TTP.

RUSSIAN, per, Zhur Prikl Khim, Vol XXVI, No 2, 1963,
pp 415-421.

CE

Sci
Jan 64

245,979